

Title (en)  
MODE SWITCHING DEVICE IN A DISC PLAYBACK DEVICE

Publication  
**EP 0174590 A3 19880525 (EN)**

Application  
**EP 85111097 A 19850903**

Priority  
JP 13985184 U 19840914

Abstract (en)  
[origin: EP0174590A2] A mode switching device in a disc playback device comprises a loading device (111) transferring a disc or a case (A) housing a disc between an eject position in which the disc or the disc case is inserted and ejected and a palyback position in which the disc is palyed, a feed device (92) for feeding a pickup head (81) reading data recorded on the disc set in a playback position and a mode switching device (112) for switching the made between loading, eject and palyback modes. The feed device can move across an overstroke region extending radially outwardly of a read-out position of the pickup head and the mode switching device performs switching of the mode when the feed device has reached a predetermined position in the overstroke region.

IPC 1-7  
**G11B 19/14**

IPC 8 full level  
**G11B 7/00** (2006.01); **G11B 7/004** (2006.01); **G11B 17/04** (2006.01); **G11B 17/043** (2006.01); **G11B 17/051** (2006.01); **G11B 17/057** (2006.01); **G11B 19/14** (2006.01); **G11B 19/16** (2006.01)

CPC (source: EP US)  
**G11B 17/057** (2013.01 - EP US); **G11B 19/14** (2013.01 - EP US); **G11B 19/16** (2013.01 - EP US)

Citation (search report)  
• [A] FR 2538597 A1 19840629 - SONY CORP [JP]  
• [A] FR 2535099 A1 19840427 - MITSUMI ELECTRIC CO LTD [JP]  
• [A] GB 2105091 A 19830316 - SONY CORP [JP]  
• [A] EP 0063894 A2 19821103 - AMLYN CORP [US]  
• [A] PATENT ABSTRACTS OF JAPAN, vol. 7, no. 146 (P-206)[1291], 25th June 1983; & JP - A - 58 57664 (SANYO DENKI) 05-04-1983

Cited by  
EP0469643A3

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